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**YOUNG & BASILE, P.C.**  
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3001 W. Big Beaver Road  
Suite 624  
Troy, Michigan 48084  
Telephone: (248) 649-3333  
FACSIMILE NO.: (248) 649-3338

2001 Commonwealth Boulevard  
Suite 301  
Ann Arbor, Michigan 48105  
Telephone: (734) 662-0270  
Facsimile: (734) 662-1014

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**DATE:** July 24, 2001  
**OUR REFERENCE:** UMJ-102-B  
**TO:** Tam Nguyen, Art Group Unit 1764  
**FACSIMILE NO.:** 703-305-5408  
**FROM:** Julia C. Dierker  
**RE:** Communication in response to Office Action dated 4-24-01  
**PAGES TO FOLLOW:** 27  
**MESSAGE:** Please direct to Examiner Nguyen. Thank you.

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Our Reference: UMJ-102-B (UM1544pl)

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Curtis L. Munson &amp; Ralph T. Yang

Serial Number: 09/632,891

Filing Date: August 7, 2000

Examiner/Art Group Unit: Tam M. Nguyen/1764

Title: SULFUR RESISTANT ADSORBENTS

CERTIFICATION OF FACSIMILE TRANSMISSION

Sir:

Transmitted with this document is a Communication in the above-identified application.

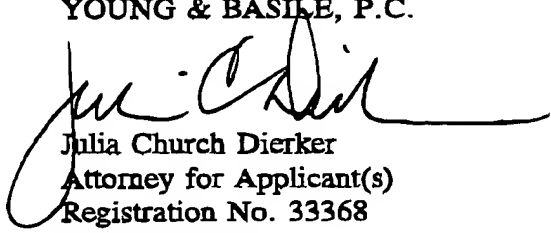
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Respectfully submitted,

YOUNG &amp; BASILE, P.C.

  
Julia Church Dierker  
Attorney for Applicant(s)  
Registration No. 33368  
(248) 649-3333

3001 West Big Beaver Rd., Suite 624  
Troy, Michigan 48084-3107

Dated: July 24, 2001  
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Our Reference: UMJ-102-B (UM1544p1)

PATENT

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Title: SULFUR RESISTANT ADSORBENTS

COMMUNICATION

Assistant Commissioner of Patents  
Washington, D.C. 20231

Sir:

The Office Action dated April 24, 2001 has been received and carefully reviewed. Please revise the above-identified patent application as indicated below. Entry of this Communication is respectfully requested.

In the specification:

At page 1, lines 4-9, please replace the paragraph with the following paragraph:

A1  
This application is related to co-pending United States Application Serial No. 09/177,256, filed October 22, 1998, and to United States Application Serial No. 09/179,667, filed October 27, 1998, now U.S. Patent No. 6,215,037, each of which applications is incorporated herein by reference in its entirety.

Please replace the paragraph at page 11, lines 1-17 with the following paragraph:

A2  
In a further embodiment, a novel method is disclosed for separating a diene from a mixture including the diene and a sulfur compound. The process comprises the step of contacting the mixture with an adsorbent which preferentially adsorbs the diene, at a selected temperature and pressure, thereby producing a non-adsorbed component and a diene-rich adsorbed component. The adsorbent comprises an ion-exchanged zeolite selected from the group consisting of zeolite X, zeolite Y, zeolite LSX, and mixtures thereof, the zeolite having

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